

July 26, 2002

Mr. Mano Nazar  
Site Vice President  
Prairie Island Nuclear Generating Plant  
Nuclear Management Company, LLC  
1717 Wakonade Drive East  
Welch, MN 55089

SUBJECT: PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2 -  
ISSUANCE OF AMENDMENTS RE: CONVERSION TO IMPROVED  
TECHNICAL SPECIFICATIONS (TAC NOS. MB0695 AND MB0696)

Dear Mr. Nazar:

The Commission has issued the enclosed Amendment No. 158 to Facility Operating License No. DPR-42 and Amendment No. 149 to Facility Operating License No. DPR-60 for the Prairie Island Nuclear Generating Plant, Units 1 and 2, respectively. The amendments consist of changes to the Technical Specifications (TSs) in response to your application dated December 11, 2000, as supplemented by letters dated March 6, June 5, July 3, August 13, August 29, October 15, November 12, and December 12, 2001, and January 25, January 31, February 14, February 15, February 16, March 6, April 11, May 10, May 30, June 7, June 25, and June 28, 2002.

These amendments convert the current TSs (CTS) for Prairie Island Nuclear Generating Plant, Units 1 and 2, to a combined set of improved TSs (ITS) based on NUREG-1431, Revision 1, "Standard Technical Specifications, Westinghouse Plants," dated April 1995.

The Nuclear Regulatory Commission (NRC) staff sent the draft safety evaluation (SE) for the ITS conversion to you by letter dated June 3, 2002, for your review to verify its accuracy. You provided comments by letter dated June 25, 2002. The NRC staff reviewed your comments and incorporated them, as appropriate, in the enclosed final SE for the amendments. The draft SE was also revised based on the NRC staff's review after it was issued.

M. Nazar

- 2 -

The ITS conversion will become effective as of its date of issuance and shall be implemented by October 31, 2002. If there is a request for amendment submitted prior to implementation of the ITS being completed, it will be necessary to submit separate TS pages for both CTS and ITS with the amendment request.

A copy of our related safety evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

**/RA/**

Tae Kim, Senior Project Manager, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosures: 1. Amendment No. 158 to DPR-42  
2. Amendment No. 149 to DPR-60  
3. Safety Evaluation  
4. Notice of Issuance

The ITS conversion will become effective as of its date of issuance and shall be implemented by October 31, 2002. If there is a request for amendment submitted prior to implementation of the ITS being completed, it will be necessary to submit separate TS pages for both CTS and ITS with the amendment request.

A copy of our related safety evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

/RA/

Tae Kim, Senior Project Manager, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-282 and 50-306

Enclosures: 1. Amendment No. 158 to DPR-42  
2. Amendment No. 149 to DPR-60  
3. Safety Evaluation  
4. Notice of Issuance

#### DISTRIBUTION

PUBLIC	OGC	RDennig
PDIII-1 Reading	ACRS	CSchulten
LRaghavan	WBeckner	
TKim	GHill(4)	
RBouling	RLanksbury, RGN-III	

ADAMS ACCESSION NO.: Letter/Amendments: ML022070613  
Safety Evaluation: ML022070654  
Notice: ML022070658  
Package: ML022070661  
TS pages 1: ML022210043  
2: ML022210054  
TS Bases 1: ML022140359  
2: ML022140370  
3: ML022140394  
4: ML022140412

\*\*No legal objection w/comments

\*Previously Concurred

OFFICE	PDIII-1/PM	PDIII-1/LA	RTSB/SC*	OGC**	PDIII-1/SC
NAME	TKim	RBouling	RDennig	RWeisman	LRaghavan
DATE	07/05/02	07/05/02	07/03/02	07/26/02	07/26/02

OFFICIAL RECORD COPY

Prairie Island Nuclear Generating Plant,  
Units 1 and 2

cc: **w/o Technical Specifications**

J. E. Silberg, Esquire  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, N. W.  
Washington, DC 20037

Site Licensing Manager  
Prairie Island Nuclear Generating Plant  
Nuclear Management Company, LLC  
1717 Wakonade Drive East  
Welch, MN 55089

Adonis A. Neblett  
Assistant Attorney General  
Office of the Attorney General  
455 Minnesota Street  
Suite 900  
St. Paul, MN 55101-2127

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
1719 Wakonade Drive East  
Welch, MN 55089-9642

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, IL 60532-4351

Administrator  
Goodhue County Courthouse  
Box 408  
Red Wing, MN 55066-0408

Commissioner  
Minnesota Department of Commerce  
121 Seventh Place East  
Suite 200  
St. Paul, MN 55101-2145

Tribal Council  
Prairie Island Indian Community  
ATTN: Environmental Department  
5636 Sturgeon Lake Road  
Welch, MN 55089

Mr. Roy A. Anderson  
Executive Vice President and  
Chief Nuclear Officer  
Nuclear Management Company, LLC  
700 First Street  
Hudson, WI 54016

Nuclear Asset Manager  
Xcel Energy, Inc.  
414 Nicollet Mall  
Minneapolis, MN 55401

**NOTE: To receive a copy of the Technical Specifications,  
please call T. J. Kim at (301) 415-1392.**

March 2002

NUCLEAR MANAGEMENT COMPANY, LLC

DOCKET NO. 50-282

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 158  
License No. DPR-42

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Nuclear Management Company, LLC (the licensee), dated December 11, 2000, as supplemented by letters dated March 6, June 5, July 3, August 13, August 29, October 15, November 12, and December 12, 2001, and January 25, January 31, February 14, February 15, February 16, March 6, April 11, May 10, May 30, June 7, June 25, and June 28, 2002, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-42 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 158, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

Also, the license is amended by changes to Appendix B of Facility Operating License No. DPR-42 and paragraph 2.C.(5) is hereby amended to read as follows:

Additional Conditions

The Additional Conditions contained in Appendix B, as revised through Amendment No. 158, are hereby incorporated into this license. NMC shall operate the facility in accordance with the Additional Conditions.

Appendix B is amended to add the following paragraphs:

- (1) The schedule for performing Surveillance Requirements (SRs) that are new or revised in Amendment No. 158 shall be as follows:

For SRs that are new in this amendment, the first performance is due at the end of the first surveillance interval, which begins on the date of implementation of this amendment.

For SRs that existed prior to this amendment, whose intervals of performance are being reduced, the first reduced surveillance interval begins upon completion of the first surveillance performed after implementation of this amendment.

For SRs that existed prior to this amendment that have modified acceptance criteria, the first performance is due at the end of the surveillance interval that began on the date the surveillance was last performed prior to the implementation of this amendment.

For SRs that existed prior to this amendment, whose intervals of performance are being extended, the first extended surveillance interval begins upon completion of the last surveillance performed prior to the implementation of this amendment.

- (2) The licensee is authorized to relocate certain Technical Specification requirements previously included in Appendix A to licensee-controlled documents, as described in Table LR, "Less Restrictive Changes - Relocated Details," and Table R, "Relocated Specifications," attached to the NRC staff's safety evaluation dated July 26, 2002. Those requirements shall be relocated to the appropriate documents no later than October 31, 2002.

- (3) The licensee will complete evaluation of the maximum test face velocity for the ventilation systems included in Technical Specifications (TS) Section 5.5.9 by February 28, 2003. The licensee will also submit a license amendment request for TS amendment by February 28, 2003, to specify the maximum test face velocity if the maximum actual face velocity is greater than 110 percent of 40 fpm based on the licensee's evaluation.
3. This license amendment is effective as of its date of its issuance and shall be implemented by October 31, 2002.

FOR THE NUCLEAR REGULATORY COMMISSION

*/RA/*

L. Raghavan, Chief, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachments: Changes to the Operating License and Technical Specifications

Date of Issuance: July 26, 2002

ATTACHMENT TO LICENSE AMENDMENT NO. 158

FACILITY OPERATING LICENSE NO. DPR-42

DOCKET NO. 50-282

Replace the following page of Facility Operating License No. DPR-42 with the attached revised page. The revised page is identified by amendment number and contains a marginal line indicating the area of change.

REMOVE

INSERT

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Appendix B (Page B-2)

Replace the following pages of the Appendix A Technical Specifications with the attached pages. The pages are identified by amendment numbers.

REMOVE

INSERT

Current TSs (in their entirety)

Improved TSs (in their entirety)



NUCLEAR MANAGEMENT COMPANY, LLC

DOCKET NO. 50-306

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 149  
License No. DPR-60

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Nuclear Management Company, LLC (the licensee), dated December 11, 2000, as supplemented by letters dated March 6, June 5, July 3, August 13, August 29, October 15, November 12, and December 12, 2001, and January 25, January 31, February 14, February 15, February 16, March 6, April 11, May 10, May 30, June 7, June 25, and June 28, 2002, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-60 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 149, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

Also, the license is amended by changes to Appendix B of Facility Operating License No. DPR-60 and paragraph 2.C.(5) is hereby amended to read as follows:

Additional Conditions

The Additional Conditions contained in Appendix B, as revised through Amendment No. 149, are hereby incorporated into this license. NMC shall operate the facility in accordance with the Additional Conditions.

Appendix B is amended to add the following paragraphs:

- (1) The schedule for performing Surveillance Requirements (SRs) that are new or revised in Amendment No. 149 shall be as follows:

For SRs that are new in this amendment, the first performance is due at the end of the first surveillance interval, which begins on the date of implementation of this amendment.

For SRs that existed prior to this amendment, whose intervals of performance are being reduced, the first reduced surveillance interval begins upon completion of the first surveillance performed after implementation of this amendment.

For SRs that existed prior to this amendment that have modified acceptance criteria, the first performance is due at the end of the surveillance interval that began on the date the surveillance was last performed prior to the implementation of this amendment.

For SRs that existed prior to this amendment, whose intervals of performance are being extended, the first extended surveillance interval begins upon completion of the last surveillance performed prior to the implementation of this amendment.

- (2) The licensee is authorized to relocate certain Technical Specification requirements previously included in Appendix A to licensee-controlled documents, as described in Table LR, "Less Restrictive Changes - Relocated Details," and Table R, "Relocated Specifications," attached to the NRC staff's safety evaluation dated July 26, 2002. Those requirements shall be relocated to the appropriate documents no later than October 31, 2002.

- (3) The licensee will complete evaluation of the maximum test face velocity for the ventilation systems included in Technical Specifications (TS) Section 5.5.9 by February 28, 2003. The licensee will also submit a license amendment request for TS amendment by February 28, 2003, to specify the maximum test face velocity if the maximum actual face velocity is greater than 110 percent of 40 fpm based on the licensee's evaluation.
3. This license amendment is effective as of its date of its issuance and shall be implemented by October 31, 2002.

FOR THE NUCLEAR REGULATORY COMMISSION

*/RA/*

L. Raghavan, Chief, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Attachments: Changes to the Operating License and Technical Specifications

Date of Issuance: July 26, 2002

ATTACHMENT TO LICENSE AMENDMENT NO. 149

FACILITY OPERATING LICENSE NO. DPR-60

DOCKET NO. 50-306

Replace the following page of Facility Operating License No. DPR-60 with the attached revised page. The revised page is identified by amendment number and contains a marginal line indicating the area of change.

REMOVE

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INSERT

Appendix B (Page B-2)

Replace the following pages of the License and Appendix A Technical Specifications with the attached pages. The pages are identified by amendment numbers.

REMOVE

Current TSs (in their entirety)

INSERT

Improved TSs (in their entirety)

APPENDIX B

ADDITIONAL CONDITIONS

FACILITY OPERATING LICENSE NO. DPR-42

<u>Amendment Number</u>	<u>Additional Conditions</u>	<u>Implementation Date</u>
158	<p>The schedule for performing Surveillance Requirements (SRs) that are new or revised in Amendment No. 158 shall be as follows:</p> <p>For SRs that are new in this amendment, the first performance is due at the end of the first surveillance interval, which begins on the date of implementation of this amendment.</p> <p>For SRs that existed prior to this amendment, whose intervals of performance are being reduced, the first reduced surveillance interval begins upon completion of the first surveillance performed after implementation of this amendment.</p> <p>For SRs that existed prior to this amendment that have modified acceptance criteria, the first performance is due at the end of the surveillance interval that began on the date the surveillance was last performed prior to the implementation of this amendment.</p> <p>For SRs that existed prior to this amendment, whose intervals of performance are being extended, the first extended surveillance interval begins upon completion of the last surveillance performed prior to the implementation of this amendment.</p>	October 31, 2002
158	<p>The licensee is authorized to relocate certain Technical Specification requirements previously included in Appendix A to licensee-controlled documents, as described in Table LR, "Less Restrictive Changes - Relocated Details," and Table R, "Relocated Specifications," attached to the NRC staff's safety evaluation dated . Those requirements shall be relocated to the appropriate documents no later than October 31, 2002.</p>	October 31, 2002
158	<p>The licensee will complete evaluation of the maximum test face velocity for the ventilation systems included in Technical Specifications (TS) Section 5.5.9 by February 28, 2003. The licensee will also submit a license amendment request for TS amendment by February 28, 2003, to specify the maximum test face velocity if the maximum actual face velocity is greater than 110 percent of 40 fpm based on the licensee's evaluation.</p>	February 28, 2003

## APPENDIX B

### ADDITIONAL CONDITIONS

#### FACILITY OPERATING LICENSE NO. DPR-60

<u>Amendment Number</u>	<u>Additional Conditions</u>	<u>Implementation Date</u>
149	<p>The schedule for performing Surveillance Requirements (SRs) that are new or revised in Amendment No. 149 shall be as follows:</p> <p>For SRs that are new in this amendment, the first performance is due at the end of the first surveillance interval, which begins on the date of implementation of this amendment.</p> <p>For SRs that existed prior to this amendment, whose intervals of performance are being reduced, the first reduced surveillance interval begins upon completion of the first surveillance performed after implementation of this amendment.</p> <p>For SRs that existed prior to this amendment that have modified acceptance criteria, the first performance is due at the end of the surveillance interval that began on the date the surveillance was last performed prior to the implementation of this amendment.</p> <p>For SRs that existed prior to this amendment, whose intervals of performance are being extended, the first extended surveillance interval begins upon completion of the last surveillance performed prior to the implementation of this amendment.</p>	October 31, 2002
149	<p>The licensee is authorized to relocate certain Technical Specification requirements previously included in Appendix A to licensee-controlled documents, as described in Table LR, "Less Restrictive Changes - Relocated Details," and Table R, "Relocated Specifications," attached to the NRC staff's safety evaluation dated . Those requirements shall be relocated to the appropriate documents no later than October 31, 2002.</p>	October 31, 2002
149	<p>The licensee will complete evaluation of the maximum test face velocity for the ventilation systems included in Technical Specifications (TS) Section 5.5.9 by February 28, 2003. The licensee will also submit a license amendment request for TS amendment by February 28, 2003, to specify the maximum test face velocity if the maximum actual face velocity is greater than 110 percent of 40 fpm based on the licensee's evaluation.</p>	February 28, 2003